

Converting Colors

CIELCh(52, 19.380, 103.319)

Have a look what the booklet for
CIELCh(52, 19.380, 103.319)
contains.

CIELCh(52, 19.032, 102.460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 19.032, 102.460)

Conversions

Conversions Part 1

Format	Color
Hex	817D5C
RGB	129, 125, 92
RGB Percent	51%, 49%, 36%
CMY	0.4937, 0.5094, 0.6388
CMYK	0.00, 0.03, 0.29, 0.49
HSL	54°, 17%, 43%
HSV	54°, 29%, 51%
XYZ	18.3531, 20.1443, 13.0696
YIQ	122.4340, 12.9770, -9.4150

Conversions

Conversions Part 2

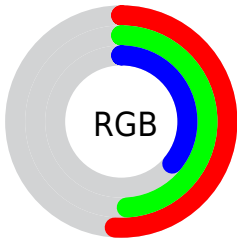
Format	Color
RYB	96, 129, 92
Decimal	8486236
CIELab	52.00, -4.11, 18.58
CIElCh	52, 19.032, 102.460
Yxy	20.1443, 0.3559, 0.3906
Android (android.graphics.Color)	4286676316 (0xFF817D5C)
YUV	122.4340, -15.0040, 5.7584
Hunter-Lab	44.8824, -5.5530, 14.1527

Details

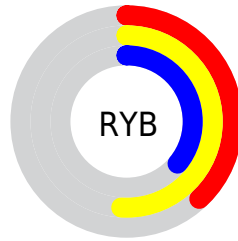
The CIELCh color $52, 19.032, 102.460$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 20.008, 288.983$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 19.494, 103.506$, and $32, 18.717, 102.247$ is the 20% darker color. If you saturate the color by 10%, you get $51, 25.575, 101.416$, and if you desaturate by 10%, it is $53, 12.408, 103.506$.

Distribution



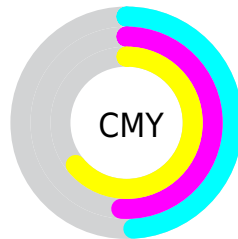
- Red (51%)
- Green (49%)
- Blue (36%)



- Red (38%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (49%)





- Cyan (49%)
- Magenta (51%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 19.032, 102.460 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 52, 19.032, 102.460 by changing the saturation by 10% instead.

 52, 19.032,
102.460


 52, 19.032,
102.460

 100, 19.032,
102.460


 42, 19.032,
102.460


 72, 19.032,
102.460

 32, 19.032,
102.460

 82, 19.032,
102.460

 22, 19.032,
102.460

 92, 19.032,
102.460

 12, 19.032,
102.460

 2, 19.032, 102.460

 0, 19.032, 102.460

■ 52, 19.032,
102.460

■ 52, 19.032,
102.460

■ 51, 25.575,
101.416

■ 53, 12.408,
103.506

■ 51, 31.945,
100.373

■ 53, 5.754, 104.527

■ 50, 38.004, 99.351

■ 54, 0.896, 285.633

■ 50, 43.533, 98.366

■ 55, 7.522, 286.527

■ 49, 48.221, 97.433

■ 56, 14.111,
287.458

■ 49, 51.691, 96.559

■ 57, 20.658,
288.353

■ 48, 54.027, 95.735

■ 57, 27.155,
289.208

■ 48, 54.349, 95.628

■ 58, 33.601,
290.021

■ 59, 39.993,
290.791

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



52, 19.032, 102.460



42, 20.008, 288.983

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52, 19.032, 102.460



52, 19.032, 152.460



52, 19.032, 282.460



52, 19.032, 332.460

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



52, 19.033, 102.465



68, 7.426, 104.472



43, 16.230, 12.615



35, 5.138, 104.347



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52, 19.033, 102.465



66, 27.985, 101.821



52, 22.039, 123.472



27, 3.706, 104.484



48, 53.865, 95.637



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42, 20.008, 288.983



51, 29.807, 289.971



42, 23.131, 306.477



25, 3.766, 286.391



15, 74.393, 304.231



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 19.032, 102.460 looks on a white background.

Color Contrast Check

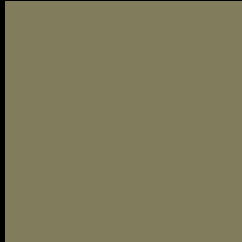
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 52, 19.032, 102.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

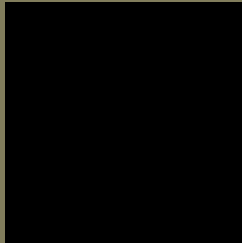
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 19.032, 102.460

Background



This preview shows how black text looks on a background with the CIELCh color 52, 19.032, 102.460.



This preview shows how white text looks on a background with the CIELCh color 52, 19.032, 102.460.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

52, 19.032, 102.460

Protanopia

52, 18.840, 95.673

Deuteranopia

52, 19.432, 70.047



Tritanopia
52, 8.073, 334.364

Trichromacy



Original Color
52, 19.032, 102.460

Protanomaly
52, 18.749, 96.994

Deuteranomaly
52, 18.319, 80.756

Tritanomaly
52, 5.390, 59.694

Monochromacy



Original Color
52, 19.032, 102.460

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.949, 105.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 19.032, 102.460 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 125, 92)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 92)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 125, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 19.032, 102.460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 125, 92) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 125, 92) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 125, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 92);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 19.032, 102.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 92) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
125, 92) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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